

EstuaryLive 2006 – Student Worksheet

New York – New Jersey Harbor Estuary Program

Big Egg Marsh, Jamaica Bay – New York City

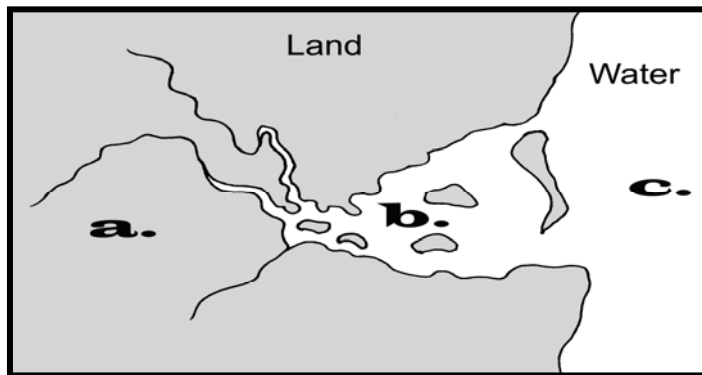
September 29, 2006

12:10 pm – 1:15 pm

1. Which does NOT describe an estuary?

- a. A place where fresh water and salt water mix
- b. The area where a river meets the ocean, where fresh and salt water mix.
- c. The large body of salt water that covers most of the earth's surface.
- d. The underground system that provides drinking water to an area.

2. Which letter marks the estuary on the diagram? _____



3. What is an important daily event caused by the moon and the sun in estuaries and oceans?

- a. Flood
- b. Rain
- c. Erosion
- d. Tides

4. Which one of these is not an estuary habitat?

- a. Salt marsh
- b. Seagrass or eelgrass bed
- c. Mountain meadow
- d. Bay

5. List three important things that estuaries do for nature or for people.

- a. _____
- b. _____
- c. _____

6. List three plants or animals that live in an estuary for at least part of their life:

- a. _____
- b. _____
- c. _____

7. Choose an estuary plant or animal and describe how it is adapted to survive in the intertidal zone. The intertidal zone is wet at high tide and dry at low tide.

8. List two human activities that might cause an estuary to become unhealthy.

- a. _____
- b. _____

9. Imagine that polluted runoff water from a town flows into an estuary.

a. How might the wildlife in the estuary be affected?

b. How might people who depend on the estuary be affected?

10. Please describe two actions that you could take to help estuaries stay healthy.

- a. _____
- b. _____

11. Use at least four plants and animals to create an estuary food web. Use the plants and animals that you are familiar with, or add pictures of your own. Draw connecting lines and label them to describe how these things are connected.

